

METAL FACE INDUCTIVE SENSORS SMF30-C10 ■ ■ ■ series



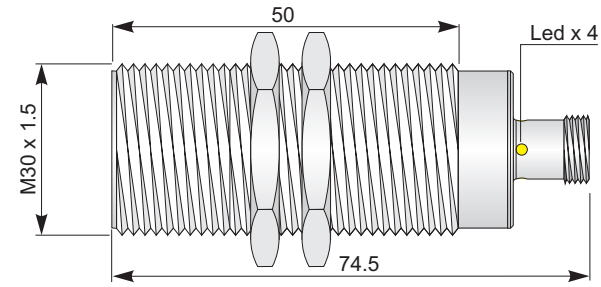
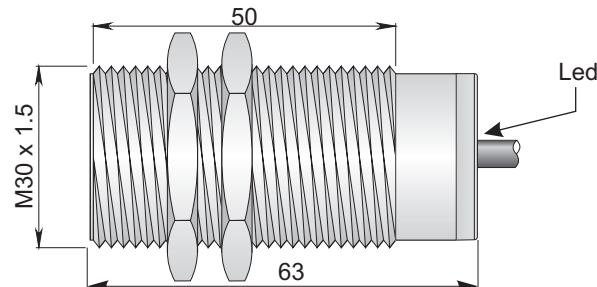
- METALLIC CYLINDRICAL HOUSING M30x1.5
- AMPLIFIED 3 or 4 WIRES D.C.
- OUTPUT FUNCTION NO or NC
- OUTPUT TYPE NPN, PNP o NPN/PNP

- IN CONFORMITY WITH: - PRODUCT NORM EN60947-5-2
- ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2004/108 CE



EMBEDDABLE

* = on demand

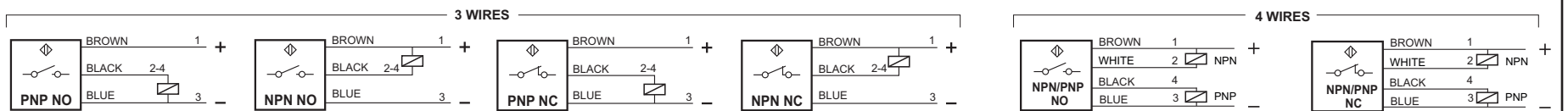


TECHNICAL CHARACTERISTICS

		Dimensions mm		Dimensions mm	
AMPLIFIED 3 Wires D.C.	NPN	NO	SMF30-C10 NPN NO (*)	-	SMF30-C10 NPN NO H
		NC	SMF30-C10 NPN NC (*)	-	SMF30-C10 NPN NC H
	PNP	NO	SMF30-C10 PNP NO (*)	-	SMF30-C10 PNP NO H
		NC	SMF30-C10 PNP NC (*)	-	SMF30-C10 PNP NC H
AMPLIFIED 4 Wires D.C.	NPN/PNP	NO	-	SMF30-C10 NPN/PNP NO	SMF30-C10 NPN/PNP NO H (*)
		NC	-	SMF30-C10 NPN/PNP NC	SMF30-C10 NPN/PNP NC H (*)
Switching distance (Sn)	mm	10			
Continuous voltage (res. ripple ≤ 10%)	V	10 ÷ 30			
Hysteresis (%Sn)		< 20%			
Switching frequency	Hz	50			
Repeatability (at constant temperature)		≤ 1			
Max. output current	mA	200			
Min. output current	mA	≤ 2			
Voltage drop (output ON)	V	< 1.8			
Short circuit protection		Incorporated			
Led		Incorporated			
Operating temperature range	°C	-25 ÷ +70			
IP rating	IP	IP69K			
Housing		AISI 316L			
PVC Cable	2mt	3x0,25 mm ²	4x0,25 mm ²	-	-
Connection with connector		H			

WIRING DIAGRAM

VIEW OF MALE CONNECTOR



CW228B - 03/16